

Title (en)
Method for the production of non-immunogenic proteins

Title (de)
Verfahren zur Herstellung von nicht-immunogenen Proteinen

Title (fr)
Procédé de production de protéines non-immunogènes

Publication
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Application
EP 06004562 A 19980521

Priority

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- GB 9716197 A 19970731
- GB 9725270 A 19971128
- US 6723597 P 19971202
- GB 9807751 A 19980414

Abstract (en)
[origin: WO9852976A1] Protein, or parts of proteins, may be rendered non-immunogenic, or less immunogenic, to a given species by identifying in their amino acid sequences one or more potential epitopes for T-cells of the given species and modifying the amino acid sequence to eliminate at least one of the T-cell epitopes. This eliminates or reduces the immunogenicity of the protein when exposed to the immune system of the given species. Monoclonal antibodies and other immunoglobulin-like molecules can particularly benefit from being de-immunised in this way: for example, mouse-derived immunoglobulins can be de-immunised for human therapeutic use.

IPC 8 full level
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